

Residential Plans Examiner Review Form For HVAC Load Calculations and Duct System Design

City of Hampton, VA									
Contractor / Engineer Master Mechanical Tradesman Number: Project Address:				Manual J1 Manual J1 Manual D Duct Distr (cfm per difus	AE Form (Friction Ra ibution Sys ser size)	HMENTS h worksheets with worksheet te Worksheet tem Layout/s	eets A & B) et sketch		
		***************************************		•					
	HVAC S	ystem De	sign Criter	ia	(ICC-IR	C M1401.3)			
Design Co Winter Design		arenheight			Summer I	Design	Degrees F	arenheight	
Outdoor: Indoor: Total Heat Loss		22 72	_° F _° F _Btu/h		Outdoor: Indoor: Sensible I Latent He Total Hea	at Gain		92 75	° F ° F Btu/h Btu/h Btu/h
General B Orientation(front door (North, East, West, South, N Number of Bedrooms: Floor area (square feet) Number of Occupants Envelope Tightness E (Tight, Semi-tight, Average,	lortheast, Nort	thwest, Southe	east, Southwest))	Window T Insulation System Ty Eave Ove Number o System C	ype R-Values	RTU	Wall R-13 Split	
SEER:	EER:		_HSPF:		COP:		AFUE:		
	HVAC D	UCT DIS	TRIBUTIO	N SYSTE	M DESIG	3N	(ICC-IRC	M1601.1)	
Design Airflow		CFM	# Supply Ai	ir Grilles		_#Return Ai	r Grilles:		
Equipment Design ES OEM Blower tables Total Device Pressure Cumulative total of dampers, Available Static Pressi Equipment Design ESP-Tota	Losses , registers, filte ure(ASP)			Total Effe Supply Return Total(TEL)	ctive Leng	th (TEL) _FtFt. Ft.			
Friction Rate (ASPx10 TEL	0)	=			IWC	_			
Duct Material: Sheetmetal, Lined metal, Du I declare the load calcu	ulation, equ	iipment sele	ection and du	uct distribu	tion design	is accurate	and rigorou	ısly	
performed to the best on and verification.	of my ability	/. I underst	and the clair	ms made o	n these for	m will be sul	oject to insp	pection	
Printed Name:						_ Date:		<u>.</u>	
Contractor'/Engineer's	Signifura								